



92077US01

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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OCTOBER 03, 2000

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MCANDREWS, HELD & MALLOY, LTD.
MICHAEL B. HARLIN
500 WEST MADISON STREET
34TH FLOOR
CHICAGO, IL 60661



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NCTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/24/2000

REEL/FRAME: 010996/0266

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PRESSLEY, RICHARD L.

DOC DATE: 02/05/1998

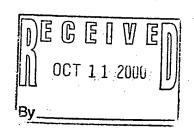
ASSIGNEE:

THERMAL PROCESS SYSTEMS, LLC 779 COURTNEY DRIVE CROWN POINT, INDIANA 46307

SERIAL NUMBER: 09019530 PATENT NUMBER: 5948261

FILING DATE: 02/05/1998 ISSUE DATE: 09/07/1999

MARCUS KIRK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



FORM PTO-1595



DEPARTMENT OF COMMERCE

1/31/92 RI PATENT AND TRADEMARK OFFICE 101435997 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof. 1.24.00 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): RICHARD L. PRESSLEY Thermal Process Systems, LLC 779 Courtney Drive Crown Point, Indiana 46307, U.S.A. Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance: Additional name(s) & address(es) attached2-[] Yes [X] No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other: **Execution Date:** February 5, 1998 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) U.S. Patent No. 5,948,261 Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 3 concerning document should be mailed: Michael B. Harlin 7. Total fee (37 CFR 3.41): \$40.00 McAndrews, Held & Mallov, Ltd. 500 West Madison Street [X] Enclosed. 34th Floor Chicago, Illinois 60661 [] Authorized to be charged to deposit account. 8. Deposit account number: 13-0017. (Attach duplicate copy of this page if paying by deposit account). DO NOT USE THIS SPACE 08/17/2000 NTHAI1 00000124 5948261 C:581 40.00 DP 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 43658 Date: July 18, 2000 Signature and Registration Number: Name of Person Signing: Michael B. Harlin Total number of pages including cover sheet, attachments and document: 3

I, am, a resident of the city of Crown Point, in the County of Lake, State of Indiana, and Country of U.S.A., have made an invention comprising certain new, useful, and nonobvious improvements in

PROCESS FOR TREATING BIOSOLIDS FROM WASTEWATER TREATMENT

Said invention is described or intended to be described and set forth in the patent application presently identified as Docket No. 12077US01: which I executed on the same date(s) as I signed this assignment for the purpose of seeking Letters Patent of the United States for my invention.

Thermal Process Systems, LLC, a corporation organized and existing under and by virtue of the laws of the State of Illinois (hereinafter: "said assignee"), having a place of business at 779 Courtney Drive, Crown Point, Indiana 46307, U.S.A. (hereinafter: "said assignee") desires to acquire the entire right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and any and all divisions, continuations, continuations in part, reissues, reexamination certificates, and extensions thereof.

I warrant and represent that I conceived said invention myself, that no one other than me is a joint inventor of said invention, and that I have not assigned or agreed to assign any rights in said invention or said application to anyone other than said assignee or a predecessor in interest to said assignee.

NOW, THEREFORE, in consideration of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to said assignee, its successors and assigns, the entire worldwide right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and any and all divisions, continuations, continuations in part, reissues, reexamination certificates, substitutes, and extensions of said application (each of which is included herein as a part of "said application"), including but not limited to all my United States and other national rights to said invention and said application and all my rights under the Paris Convention for the Protection of Industrial Property and all other applicable treaties or laws in respect to said invention and said application.

I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for said invention or upon said application to said assignee, its successors and assigns, in accordance with this assignment.

I hereby authorize said assignee to apply for patents on said invention in foreign countries, claiming the filing date of said application under the provisions of the Paris Convention for the Protection of Industrial Property and all other applicable treaties and laws, and I further agree to execute any and all documents that may be required or desired by said assignee in order that said assignee may apply for Letters Patent on said invention in foreign countries in my or its name.

I hereby agree to promptly communicate to said assignee or its representatives any facts known to me respecting said invention or said application; to testify in any legal proceeding relating thereto; to sign all lawful papers, including but not limited to all divisional, continuing, continuing in part, reissue, substitute, and extension applications, all rightful oaths or declarations, and documents confirming or substituting for this assignment.

Signed at Chicago, in the County of Cook and the State of Illinois, this $\frac{\int^{t_4} day}{\int^{t_4} day}$ of February, 1998.

(name of assignor)

STATE OF)
COUNTY OF)

I, J. R. NICHSWANDER, a Notary Public in and for the County and State aforesaid, do hereby certify that RICHARD L. PRESSBY personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 57h day of FEBRUARY, 1998.

ARNighswander
Notary Public

(SEAL)

"OFFICIAL SEAL"

J.R. NIGHSWANDER

Notary Public, State of Illinois
My Commission Expires 6/19/2001

My commission expires: __6/19/2001





UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

OCTOBER 19,

MCANDREWS, HELD & MALLOY, LTD MICHAEL B. HARLIN 500 WEST MADISON STREET 34TH FLOOR CHICAGO, ILLINOIS 60661

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RECORDATION DATE: 08/07/2000

REEL/FRAME: 011037/0339

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PRESSLEY, RICHARD L.

DOC DATE: 07/20/2000

ASSIGNOR:

WILLIAMSON, JEFFREY D.

DOC DATE: 07/18/2000

ASSIGNEE:

THERMAL PROCESS SYSTEMS, LLC 779 COURTNEY DRIVE CROWN POINT, INDIANA 46307

SERIAL NUMBER: 09233532

PATENT NUMBER:

FILING DATE: 01/20/1999

ISSUE DATE:

DOROTHY RILEY, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

OIPE	Docket No. 1343-12077US02
FORM PTO 1595 09 - 06	-2000 BARTMENT OF COMMERCE
1/31/92 (FEB 0 3 2003 %) RECC	PATENT AND TRADEMARK OFFICE
10145	IN THIS SHEET HAVE THE THE THE THE THE THE THE THE THE TH
To the Honorable Commissioner of Patents and Trademarks: Please	
1	
1. Name of conveying party(ies):	Name and address of receiving party(ies):
RICHARD L. PRESSLEY and JEFFREY D. WILLIAMSON	Thermal Process Systems, LLC 779 Courtney Drive
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Crown Point, Indiana 46307, U.S.A.
3. Nature of conveyance:	•
	Additional name(s) & address(es) attached? [] Yes [X] No
[X] Assignment [] Merger	The second secon
[] Security Agreement [] Change of Name	An An
[] Other:	CA.
July 20, 2000 and Execution Date: July 18, 2000	TEB O SIVE
	7200
Application number(s) or patent number(s):	TEB O TOOS ARE Of the application is:
If this document is being filed together with a new application, the execution d	ate of the application is:
	Patent No.(s)
Additional numbers attac	hed? [] Yes [X] No
	The parts
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
Michael B. Harlin	7. Total fee (37 CFR 3.41): \$40.00
McAndrews, Held & Malloy, Ltd. 500 West Madison Street	
34 th Floor	[X] Enclosed.
Chicago, Illinois 60661	[] Authorized to be charged to deposit account.
Cnicago, Illinois 60661	[] Authorized to be charged to deposit account. 8. Deposit account number: 13-0017.
	Deposit account number: 13-0017. (Attach duplicate copy of this page if paying by deposit account).
Cnicago, Illinois 60661	Deposit account number: 13-0017. (Attach duplicate copy of this page if paying by deposit account).
DO NOT USE	Deposit account number: 13-0017. (Attach duplicate copy of this page if paying by deposit account).
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform	8. Deposit account number: 13-0017. (Attach duplicate copy of this page if paying by deposit account). THIS SPACE
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09/01/2000 NTHAI1 00000160 09233532

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Joint File No. 12077US02 Application Serial No. 09/233,532 Inventors: Richard L. Pressley Filing Date: January 20, 1999 Jeffrey D. Williamson

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assign to Thermal Process Systems, LLC, a corporation organized and existing under and by virtue of the laws of the State of Illinois, having a place of business at 779 Courtney Drive, Crown Point, Indiana 46307, U.S.A., its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: PROCESS FOR CONTROLLING FOAM IN A TREATMENT REACTOR; and identified as Application Serial No. 09/233,532 in the United States Patent and Trademark Office, and as File No. 12077US02 in the offices of Mcandrews, Held & Malloy, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

Each of the undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations each of the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such

countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

SIGNED at Now Part, State of Inlow, United
States of America, this 20 day of ful, 2000.

When I have the pressley

I hereby certify that before me personally appeared Richard L. Pressley to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:

10/20/2000

SIGNED at	FIRSTAR BAN	ك_, State	of LUISCONSIN	, United
States of Ameri	ica, this $\frac{19}{2}$	day of	JULY	, 2000.

Jeffrey D. Williamson WCL W4524246003000

I hereby certify that before me personally appeared Jeffrey D. Williamson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL A MANOYANN A SCARDINO

Notary Public ComExp. 10-13-2002





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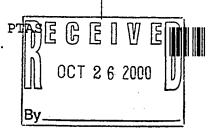
UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

OCTOBER 19. 2000

MCANDREWS, HELD & MALLOY, LTD. MICHAEL B. HARLIN 500 WEST MADISON STREET 34TH FLOOR CHICAGO, IL 60661



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RECORDATION DATE: 08/07/2000

REEL/FRAME: 011034/0918

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR:

PRESSLEY, RICHARD L.

DOC DATE: 07/18/2000

ASSIGNOR:

WILLIAMSON, JEFFREY D.

DOC DATE: 07/18/2000

ASSIGNEE:

THERMAL PROCESS SYSTEMS, LLC 779 COURTNEY DRIVE CROWN POINT, INDIANA 46307

SERIAL NUMBER: 09346505

PATENT NUMBER:

FILING DATE: 07/01/1999

ISSUE DATE:

JOANN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS 09-06-2000



Docket No. 1343-12077US03

.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE



1. Name of conveying party(ies):	Name and address of receiving party(ies):
RICHARD L. PRESSLEY and JEFFREY D. WILLIAMSON	Thermal Process Systems, LLC 779 Courtney Drive Crown Point, Indiana 46307, U.S.A.
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	
3. Nature of conveyance:	Additional comp(s) R additional add (3 V/v DV) No
[X] Assignment [] Merger	Additional name(s) & address(es) attached? [] Yes [X] No
[] Security Agreement [] Change of Name [] Other:	
Execution Date: July 18, 2000	·
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution of	lete of the confinction in
A. Patent Application No.(s) U.S. Serial No. 09/346,505	Patent No.(s)
Additional numbers attac	hed? [] Yes [X] No
Additional numbers attack Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name and address of party to whom correspondence concerning document should be mailed: Michael B. Harlin McAndrews, Held & Malloy, Ltd.	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00
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Joint File No. 12077US03 Application Serial No. 09/346,505 Inventors: Richard L. Pressley Filing Date: July 1 1999 Jeffrey D. Williamson

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assign to Thermal Process Systems, LLC, a corporation organized and existing under and by virtue of the laws of the State of Illinois, having a place of business at 779 Courtney Drive, Crown Point, Indiana 46307, U.S.A., its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: PROCESS AND APPARATUS FOR TREATING BIOSOLIDS FROM WASTEWATER TREATMENT; and identified as Application Serial No. 09/346,505 in the United States Patent and Trademark Office, and as File No. 12077US03 in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

Each of the undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations each of the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such

for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

States of America, this 20 day of July , 2000.

Richard L. Pressley

I hereby certify that before me personally appeared Richard L. Pressley to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:

Notary Public

10/20/200

SIGNED at	FIRSTAR	BANK	, State	of	WISCONSIN	, United
States of Ameri					_	_, 2000.
			·.			

Jeffrey D. Williamson

I hereby certify that before me personally appeared Jeffrey D. Williamson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

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Notary Public Com. Exp. 10-13-2002

Joint File No. 12077WO01 PCT Int'l Application No. PCT/US99/02438 Inventors: Richard L. Pressley Filing Date: February 4, 1999 Jeffrey D. Williamson

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assign to Thermal Process Systems, LLC, a corporation organized and existing under and by virtue of the laws of the State of Illinois, having a place of business at 779 Courtney Drive, Crown Point, Indiana 46307, U.S.A., its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: PROCESS FOR CONTROLLING FOAM IN A TREATMENT REACTOR; and identified as PCT Int'l Application No. PCT/US99/02438 in the United States Patent and Trademark Office, and as File No. 12077WO01 in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

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countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

States of America, this 30 day of fuly, 2000.

States of America, this 1 day of fuly, 2000.

I hereby certify that before me personally appeared Richard L. Pressley to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

SEAL:

Notary Public

SIGNED at	FIRSTAR	BANK, State of WISCONSIN	, United
States of Ameri	.ca, this _	18TH day of JULY	_, 2000.
		Jeffrey D. Williamson	on

I hereby certify that before me personally appeared Jeffrey D. Williamson to me known and known to me to be the individual described in the foregoing instrument, and that in my presence executed this instrument and who by me having been sworn did acknowledge that he executed the instrument as his free act and deed on the day and year aforesaid.

deed on the day and year aforesaid.

SEAL

NANCYANN SCARDINO

OF WISCON

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